

# North American Ice Service (NAIS)



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# Outline

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- NAIS Mission and Goals
- NAIS Successes
- NAIS Focus 2015
- NAIS Future Collaborative Opportunities





# What is NAIS?

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- Collaboration between:
  - Canadian Ice Service
  - US National/Naval Ice Centre
  - USCG International Ice Patrol
- Annex to the Environment Canada / NOAA MOU
- 11 years old



# NAIS Vision

Through teamwork and innovation, be the leading authority in the provision an integrated, collaborative ice information and services to operators, researchers, and other marine interest working in ice-encumbered environments





# NAIS Mission

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To leverage the strengths of the members to provide the highest quality, timely, and accurate ice analyses, to meet the needs of the U.S. and Canadian governments





# NAIS Goals

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- Products of high quality and consistency
- Common:
  - suite of harmonized NAIS products
  - model and analysis tools
  - communications & dissemination infrastructure
- Increase overall efficiency
  - streamlined business processes
  - data sharing
  - reduce duplication
  - back-up capability
  - coordinated development, science and training



# NAIS Successes

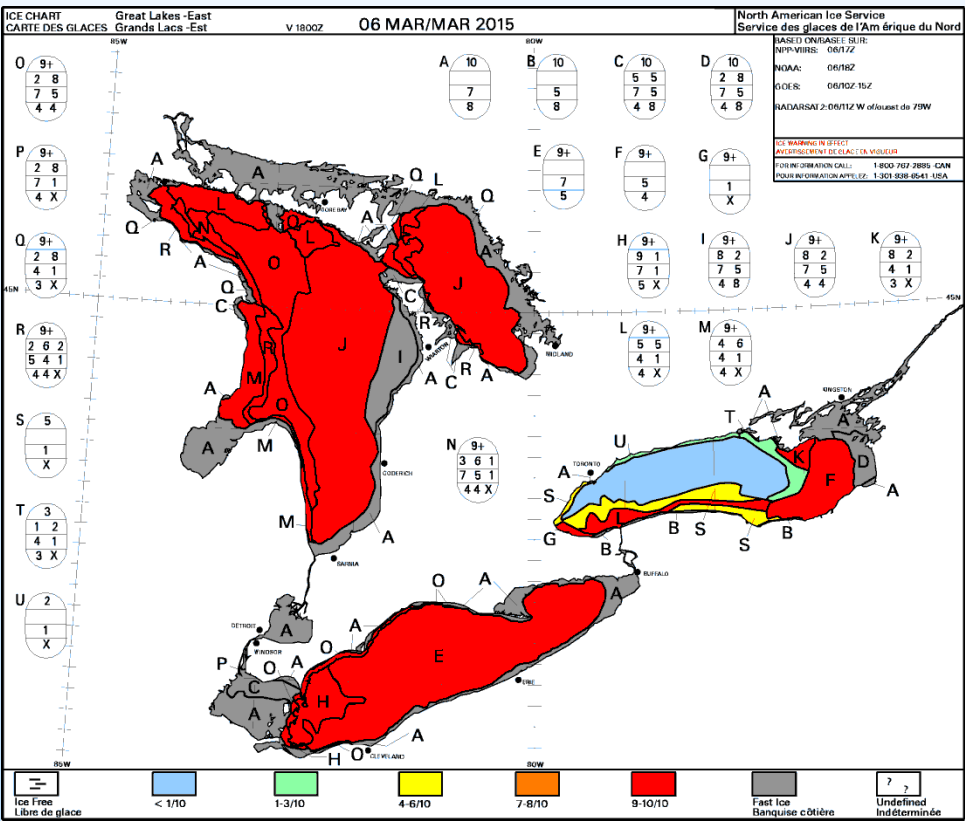
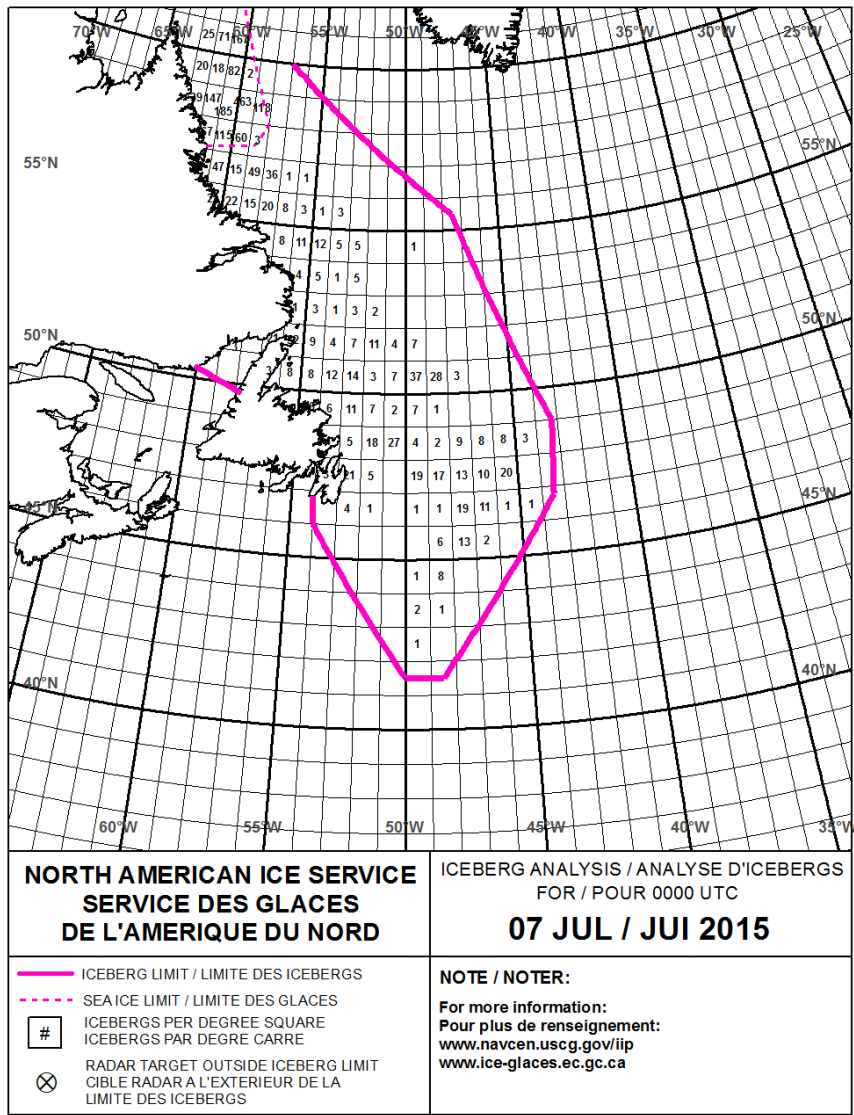
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- Seamless Great Lakes Sea Ice Charts
- Seamless Bering Strait Sea Ice Charts
- Seamless North Atlantic Iceberg Charts
- UNCLOS Support in Canada Basin
- Support to Canadian Forces Operation NANOOK
- NAIS Iceberg Model
- NAIS Iceberg Reconnaissance Strategy
- Joint Support for CCGS Sir Wilfrid Laurier rounding Alaska





# Seamless Ice Charts





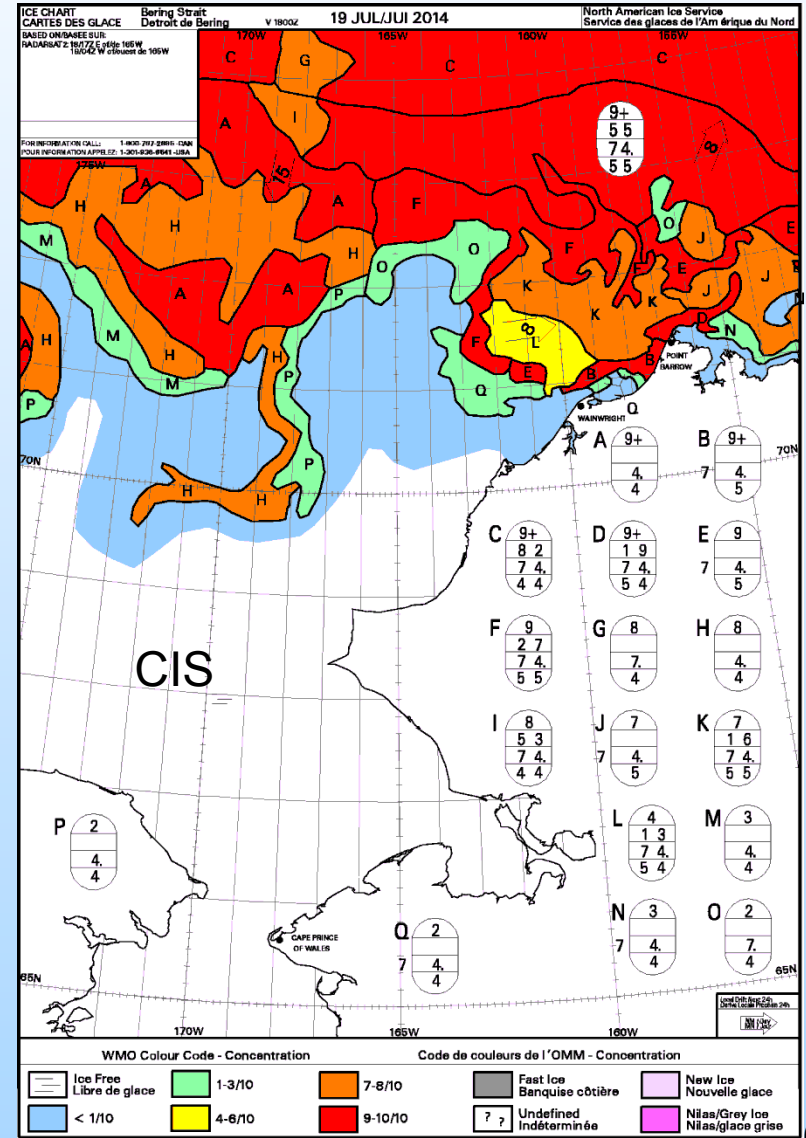
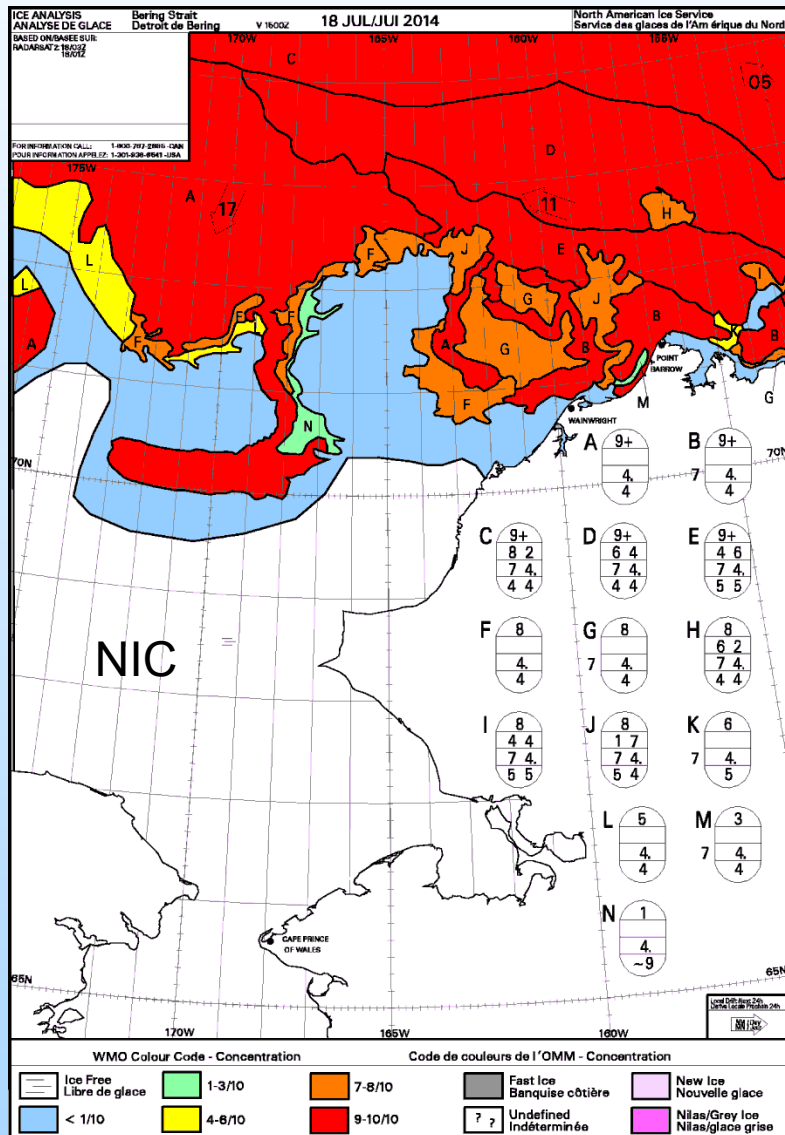


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# Bering Strait Charts - 2014





# CCGS Laurier



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# NAIS Focus 2015

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- Common Products
- Focus on areas of intersection
- Model testing and improvements
- Back-up capabilities
- New METAREAs
  - Coordination for areas bordering Canadian waters



# Future Collaborative Opportunities

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- NAIS XIII, September 14-17, Hosted by IIP in New London, CT
- Strategic Plan
- More effective operational cooperation
- Satellite iceberg reconnaissance
- Cross-training